

AMENDMENTS TO THE SPECIFICATION

Please replace Paragraph [0028] with the following paragraph rewritten in amendment format:

[0028] As seen in Figure 3, in the central system load area or operational area, the compressor discharge temperature falls below the due dew point temperature required to maintain a certain relative humidity. In other words, because the theoretical discharge temperature is below the dew point, the complete vaporization of the injected water is not possible, altering the relative humidity of the cathode gas flow. Thus, the compressor power is insufficient to achieve complete vaporization in this operational area. It should be noted, that the maximum compressor efficiency is achieved in this operational area. The reduction in compressor efficiency due to vaporization works against the goal of holding the internal electrical requirements of the system as low as possible.